



CALIFORNIA ENERGY COMMISSION

Appliance Efficiency Unit

Compliance Assistance and Enforcement Tutorial





C A L I F O R N I A E N E R G Y C O M M I S S I O N

Title 20 Appliance Efficiency Compliance Assistance Tutorial

Efficiency Division

Appliances Unit

appliances@energy.ca.gov

THE WEBINAR WILL BEGIN AT 10 a.m.

Compliance Assistance Tutorial

Webinar #927 569 245

June 30, 2015



Participation Guidelines

To ensure a successful webinar for all please:

- To ask questions or make comments please do so through the chat feature.

Contact us for further info: appliances@energy.ca.gov

- Please mute your phone until you wish to speak.
- Please do not place your phone on HOLD.



AGENDA

- **State & Federal Efficiency Standards Overview**
Title 20 Appliance Efficiency Regulations
- **Title 20 Enforcement Authority – Senate Bill 454**
Update on emergency regulations for plumbing fixtures and fittings
- **Energy Commission's Appliance Efficiency Database**
- **Procedure to Certify to the Energy Commission**



State/Federal Efficiency Standards

Group	Coverage	Implementing Agency	First Regulation
Title 20: Appliance Efficiency Regulations (CA)	Appliances	California Energy Commission (CEC)	1976
Federal Appliance Standards*	Appliances	Department of Energy (DOE - 1977)	1987
Title 24: Building Energy Efficiency Standards (CA)	Residential and Non-Residential Buildings	California Energy Commission (CEC)	1978

*Federal standards **pre-empt** a state from setting a more stringent efficiency standard for the same appliance category.



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CA Governor Ronald Reagan signing Warren-Alquist Act in 1974



California & Federal Standards

- ★ Federally-regulated appliances must be certified to CEC **and** DOE
 - ✧ DOE: Compliance Certification Management System
 - ✧ CEC: Appliance Efficiency Database
- ★ 2014 Title 20 Appliance Efficiency Regulations (current)
 - ✧ Section 1605.1 – Federal standards, adopted verbatim
 - ✧ Section 1605.3 – State-only standards (not federalized)



Efficiency Standards Compliance Overview

- **Federally-regulated appliances and equipment**
 - Manufacturers must certify to the DOE's Compliance Certification Management System (CCMS) before distributing an appliance in commerce in the USA.
 - Annual re-certification is required.
 - Federal labeling requirements apply.
- **CA Title 20 Appliance Standards**
 - Manufacturers must certify their appliance(s) to the Energy Commission's Appliance Efficiency Database prior to being offered for sale or sold in California.
 - Effective dates for standards are based on *manufacture date* (for state and federal items).
 - State marking requirements: Manufacturer name, model number, and date of manufacture; additional requirements for some appliance types.
 - Once certified, models remain in the active database until deleted by the manufacturer or moved to the historical listing when a new standard or test method becomes effective.



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Regulated Appliance Categories

Sub-section	Appliance Category
(a)	Refrigerator Freezers
(b)	Non-Central Air Conditioners
(c)	Central Air Conditioners
(d)	Fans
(e)	Gas/Oil Space Heaters
(f)	Water Heaters
(g)	Pool Equipment
(h)	Plumbing Fittings
(i)	Plumbing Fixtures
(j)	Ballasts
(k)	Lamps
(l)	Emergency Lighting
(m)	Traffic Signal Modules & Lamps
(n)	Luminaires and Torchieres
(o)	Dishwashers
(p)	Clothes Washers
(q)	Clothes Dryers
(r)	Cooking Products & Food Service Equipment
(s)	Electric Motors
(t)	Distribution Transformers
(u)	Power Supplies
(v)	Consumer Audio and Video Equipment
(w)	Battery Charger Systems

New *emergency*
standards
effective on
January 1, 2016



What is “compliance”?

Scenario	Compliant with most recent standard efficiency level?	Compliant with Certification and Reporting?	Compliant with Title 20?
1	Yes	Yes	Yes
2	No	Yes	Yes
3	Yes	No	No
4	No	No	No

Some products may not meet the most recent standard efficiency levels, but they are legally allowed to be sold due to the manufacture date occurring before the effective date of the standard.

Some products may meet the standard levels but are not listed the CEC database (thus, are not compliant with the law).



Who is certifying?

Manufacturer Direct vs. Third-Party Certification

“Manufacturers may certify appliance efficiency data directly OR manufacturers may elect to have an authorized third-party certifier submit the data to the Energy Commission on behalf of the manufacturer (Third-Party Certification).”



Manufacturer Direct Certification

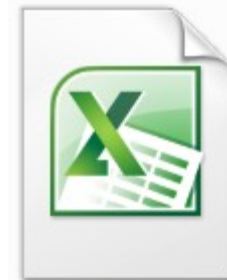
A. Manufacturer Direct certification (two forms):

- 1) Signed **Declaration** that certifies submission is true, accurate, and complete under penalty of perjury according to the laws of California.
- 2) **Data sheet** with appliance design and efficiency details

Certifying Company	
ContactPersonName *	Phone 1
CertifyingCompanyName **	Phone 2
Address	Fax
(Address)	E-mail
(Address)	Company Website (URL)
<input type="checkbox"/> I am submitting this data as a third party certifier, and have filled in the appropriate areas on these pages	



Small Battery Charger instr



SBCS



The Declaration cites the test lab

Manufacturer (if different from Certifying Company)

Contact Person Name	Phone 1
Manufacturing Company Name	Phone 2
Address	Fax
(Address)	E-mail
(Address)	Company Website (URL)

Note that submittals on behalf of a manufacturer by a third party must comply with additional requirements and instructions, as shown here: <http://www.energy.ca.gov/appliances/forms/>

Test Laboratory

Test Laboratory Name ***	Phone
Address	Fax
(Address)	E-mail
(Address)	Test Method Performed

*** If appliance testing was performed by more than one laboratory, the above contact information (name, address, phone and fax numbers, etc.) must be provided for the additional laboratories on a separate page.



QUICK POLL QUESTION



Title 20 Enforcement Authority Senate Bill 454



Title 20 Enforcement Authority

- SB 454 (9/2011) gave Energy Commission the authority to assess administrative civil penalties for violations of the appliance efficiency regulations.
- “Any person, including a **retailer, manufacturer, contractor, importer or distributor**, that sells or offers for sale an appliance, which is not listed in the Appliance Efficiency Database, is in violation of Section 1608(a)(1) and may be subject to an administrative civil penalty for each unit of the appliance that was sold or is offered for sale.”
- Effective date is July 1, 2015



Section 1608. Compliance, Enforcement, and General Administrative Matters.

General Requirements for the Sale or Installation of All Appliances.

Any unit of any appliance within the scope of Section 1601 may be sold or offered for sale in California only if:

- (1) the appliance model number appears in the appliance efficiency database.
- (2) the manufacturer has:
 - (a) **tested** the appliance as required by Sections 1603 and 1604;
 - (b) **marked** the unit as required by Section 1607;
 - (c) for any appliance for which there is an applicable standard, **certified to the Energy Commission** that the appliance complies with the standard.



Emergency Plumbing Fittings and Fixtures Efficiency Regulations

Effective date for new regulations is January 1, 2016.

There is **no** sell through of older, non-compliant stock permitted, regardless of the date of manufacture. This is different than for other appliances regulated by the California Energy Commission.

- Toilets shall not consume more than **1.28 gallons per flush**.
- Wall Mounted Urinals shall not consume more than **0.125 gallons per flush**.
- Residential lavatory faucets shall not exceed **1.2 gallons per minute** flow rate.
- Kitchen faucets shall not exceed **1.8 gallons per minute** flow rate and may have capability to increase to 2.2 gallons per minute momentarily for filling pots and pans.
- Public lavatory faucets shall not exceed **0.5 gallon per minute** flow rate.



California sets more stringent standards than US DOE

Federal Register / Vol. 75, No. 245 / Wednesday, December 22, 2010 / Rules and Regulations

The provisions in 42 U.S.C. 6295(j)(3)(C) and 6295(k)(3)(C) represent a choice by Congress to deviate from the general rule of Federal preemption, where the relevant industry consensus body has failed to act to improve water efficiency for a significant period of time.

ASME/ANSI last made a substantive amendment to its standards:

- for faucets on May 29, **1996** and
- for water closets and urinals on April 19, **1996**

Because more than five years have passed since ASME/ANSI last amended the water efficiency requirements in either of these standards, California may set more stringent standards than the U.S. Department of Energy standards for most water-consuming appliances (75 Fed. Reg. 80289 (Dec. 22, 2010).)



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More stringent water use standards in California

Federal regulations will not pre-empt California regulations due to following exceptions:

- Industry consensus body has not acted to improve water efficiency for 5 years
- New California regulation is more stringent than industry standard

Appliance standard updated to more stringent value than federal standard for:

- lavatory faucets,
- kitchen faucets, and
- wall mounted urinals.

Standards for Toilets, Urinals, and Faucets

Item	Industry Standard	Industry Standard Date	Previous CA Title 20 Regulation	CA Title 20 Regulation January 2016	Comment
Showerhead	ASME A112-18.1	May 29, 1996	2.5 GPM	2.5 GPM	No Change
Residential Lavatory Faucet	ASME A112-18.1	May 29, 1996	2.2 GPM	1.2 GPM	New regulation
Public Lavatory Faucet	ASME A112-18.1	May 29, 1996	2.2 GPM	0.5 GPM	CA standard catch up to Federal standard
Kitchen (Sink) Faucet	ASME A112-18.1	May 29, 1996	2.2 GPM	1.8 GPM	New regulation
Non Wall Mount Urinal	ASMEA112.19.6	April 19, 1996	1.0 GPF	.5 GPF	CEC standard catch up to CHSC standard
Wall Mount Urinal	ASMEA112.19.6	April 19, 1996	1.0 GPF	.125 GPF	New regulation
Water Closet (Toilet)	ASMEA112.19.6	April 19, 1996	1.6 GPF	1.28 GPF	CEC standard catch up to CHSC standard
				Means more stringent value than previously required in CA	



Emergency Plumbing Fittings & Fixtures Efficiency Test Procedures

- These regulations require manufacturers to use the U.S. DOE test procedures.
- Toilets also require an additional performance test procedure.

Test Procedures for Toilets, Urinals, and Faucets

Tested Item	Measured Quantity	Federal Mandated Test Procedure	California Mandated Test Procedure	Watersense Voluntary Test Procedure
Showerhead	Water flowrate	ANSI/ASME A112.18.1-2012	ANSI/ASME A112.18.1-2012	ASME A112.18.1/CSA B125.1
Residential Lavatory Faucet	Water flowrate	ANSI/ASME A112.18.1-2012	ANSI/ASME A112.18.1-2012	ASME A112.18.1/CSA B125.1 NSF/ANSI Standard 61
Public Lavatory Faucet	Water flowrate	ANSI/ASME A112.18.1-2012	ANSI/ASME A112.18.1-2012	None-product not covered by Watersense
Kitchen (Sink) Faucet	Water flowrate	ANSI/ASME A112.18.1-2012	ANSI/ASME A112.18.1-2012	None-product not covered by Watersense
Urinal (wall mount and non-wall mount)	Water flush volume	ASME A112.19.6-2008	ASME A112.19.6-2008	ASME A112.19.2/CSA B45.1 (Ceramic Urinal) ASME A112.19.3/CSA B45.4 (Stainless Urinal) IAPMO Z124.9 (Plastic Urinal)
Water Closet (Toilet)	Water flush volume	ASME A112.19.6-2008	ASME A112.19.6-2008	ASME A112.19.2/CSA B45.1-2013
Water Closet (Toilet)	Flushing performance	None	ASME A112.19.2/CSA B45.1-2013	ASME A112.19.2/CSA B45.1-2013



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<http://www.energy.ca.gov/drought/rebate/>



California's Drought Rebate Program

Overview

Following the lowest snowpack ever recorded and with no end in sight to the multi-year drought, Governor Edmund G. Brown Jr. signed [Executive Order B-29-15](#) in April 2015 directing the first ever statewide mandatory water reductions. These actions will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response, and invest in new technologies to address California's drought this year and beyond.

Today, household water-use accounts for approximately 64 percent of total urban water use in California. One of the four California Energy Commission responsibilities in the Executive Order calls for a short-term, statewide rebate program for water-efficient appliances and devices. It will provide monetary incentives for the replacement of inefficient water consuming appliances and devices in homes including single- and multi-family. The program—run jointly by the Energy Commission, the California Department of Water

More Information

- [Comment on the Drought Rebate Program](#)
- [View Comments and Documents](#)
- [Fact Sheet](#)

Related Links

- [Water Energy Technology \(WET\) program](#)
- [Idea Exchange](#)
- [California Drought Page](#)
- [Governor's Executive Order B-29-15](#)



Recent regulatory changes for regulated appliances

Televisions (federally regulated) are being tested using an updated test method that requires (re)certification to the appliance efficiency database. (2014)

Battery Charger Systems must be certified to the appliance efficiency database. (2013)

Title 20, Section 1602(w). Definitions

“Battery charger system (BCS)” means a battery charger coupled with its batteries or battery chargers coupled with their batteries, which together are referred to as *battery charger systems*. This term covers all rechargeable batteries or devices incorporating a rechargeable battery and the chargers used with them.



California Energy Commission's Appliance Efficiency Database



Energy Commission's Appliance Efficiency Database

<http://www.appliances.energy.ca.gov>

- The Appliance Efficiency Database contains publicly-accessible lists of appliances and equipment that have been certified to the Energy Commission by the manufacturer or their delegate.
 - Energy performance and efficiency data
 - Information regarding product features and design
- The on-line appliance efficiency database is updated regularly to reflect additions, deletions, changes that have been provided to the Energy Commission.



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APPLIANCE EFFICIENCY Database



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Office of Governor

Edmund G. Brown Jr.

[Visit his Website](#)



QUICK LINKS

- [Energy Star®](#)
- [Return to the Appliance Efficiency Program](#)

Quick Search

Welcome to the Appliance Database's Quick Search page. Here, the Quick Search allows you to gather important information regarding any appliance in the database with just a few clicks.

To begin your search, choose from one of the four buttons on the right: by category, by manufacturer, by brand, or by model. Then choose from the drop down menus provided and click 'Go' to get search results. To assist you, help text is provided by clicking on the '?' icon.

Once you hit 'Go', Search Results will appear below the quick search box. Results can be sorted alphabetically or numerically by clicking on any of the underlined column titles. On the right, you can print or export your results, display more records per page, and see the total number of records returned by your search. In the center, you can skip through pages by typing the page number you wish to see in the page number box and hitting the enter key on your keyboard, or you can browse by clicking the forward and back arrows.

Note: a Quick Search by Category will provide efficiency data, as will an Advanced Search. The other Quick Search options search across multiple appliance types and thus only show the fields common to all appliances (Manufacturer, Brand and Model).

by category

by manufacturer

by brand

by model

category ? Select a category... ▼

type ? No category selected... ▼

go



Quick Search View of Appliance Efficiency Database

by category »

by manufacturer

by brand

by model

category ? Select a category... ▼

type ? No category selected... ▼

go



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Energy Commission's Appliance Efficiency Database using the "Advanced Search" filter view

<http://www.appliances.energy.ca.gov/AdvancedSearch.aspx>

category			
<input type="radio"/> Central Air Conditioners	<input type="radio"/> Central Heat Pumps	<input checked="" type="radio"/> Cooking and Washing Products	<input type="radio"/> Electronics
<input type="radio"/> Fans and Dehumidifiers	<input type="radio"/> Heating Products	<input type="radio"/> Lighting Products	<input type="radio"/> Motor Products
<input type="radio"/> Non-Central AC & HP Products	<input type="radio"/> Plumbing Products	<input type="radio"/> Pool Products	<input type="radio"/> Refrigeration Products
<input type="radio"/> Transformer Products	<input type="radio"/> Water Heater Products		
type			
<input type="radio"/> Clothes Dryers	<input type="radio"/> Clothes Washers	<input type="radio"/> Commercial Cooking	<input checked="" type="radio"/> Dish Washers
select by			
<input checked="" type="radio"/> Manufacturer	<input type="radio"/> Brand	<input type="radio"/> Neither	
manufacturer Select All Deselect All			
<input type="checkbox"/> AGA Heartland Appliances	<input type="checkbox"/> Avanti	<input type="checkbox"/> Bonferraro SpA.	<input type="checkbox"/> BSH Home Appliances
<input type="checkbox"/> Danby	<input type="checkbox"/> Electrolux Major Appliances	<input type="checkbox"/> Fagor Electrodomesticos / FAGOR	<input type="checkbox"/> Fisher & Paykel
<input type="checkbox"/> Foshan Shunde Midea Washing Appliances Mfg. Co., Ltd.	<input type="checkbox"/> Fulgor	<input type="checkbox"/> General Electric	<input type="checkbox"/> Haier America Trading, LLC
<input type="checkbox"/> LG Electronics, Inc.	<input type="checkbox"/> Mabe Canada	<input type="checkbox"/> Maytag	<input type="checkbox"/> Merloni
<input type="checkbox"/> Miele	<input type="checkbox"/> Miele Appliances, Inc.	<input type="checkbox"/> Samsung Electronics Co., Ltd.	<input type="checkbox"/> Viking Range Corp.
<input type="checkbox"/> Whirlpool			
fields Select All Deselect All			
<input type="checkbox"/> Add Date	<input type="checkbox"/> Annual Energy Use KWH	<input checked="" type="checkbox"/> Dishwasher Type	<input type="checkbox"/> Energy Factor
<input checked="" type="checkbox"/> Per Cycle KWH	<input checked="" type="checkbox"/> Total Place Settings	<input type="checkbox"/> Truncated Cycle Capable (T/F)	<input type="checkbox"/> Water Heating (T/F)
<input type="checkbox"/> Water Use Gallons per Cycle			
filters Add/Edit Filters			
No filters added			



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Modernized Database currently under development with a projected live date July 2015

- ★ To determine whether a dishwasher offered for sale is listed in the database, locate the model number and match with the CEC listings
- ★ Randomized example: Whirlpool dishwashers

Advanced Search - Results

Export to CSV

Display all fields ?

Compare Checked Results

<<previous Page: 1 of 53 next>>

Display: Re

<input type="checkbox"/>	<u>Manufacturer Name</u> ▲	<u>Brand Name</u> ▲	<u>Model Number</u> ▲	<u>Dishwasher Type</u>	<u>Total Place Settings</u>	<u>Per Cycle KWH</u>
<input type="checkbox"/>	Whirlpool	Amana	ADB1000AW**	Standard	10	1.44
<input type="checkbox"/>	Whirlpool	Amana	ADB1100AW**	Standard	12	1.24
<input type="checkbox"/>	Whirlpool	Amana	ADB1400AW**	Standard	12	1.39
<input type="checkbox"/>	Whirlpool	Amana	ADB1500	Standard	10	1.53
<input type="checkbox"/>	Whirlpool	Amana	ADB1600AW**	Standard	12	1.46
<input type="checkbox"/>	Whirlpool	Amana	ADB2500	Standard	12	1.53



Coming this Summer 2015!

New Modernized Appliance Efficiency Database System

Webinars on how to use this MAEDBS and how to access our **Title 20 Hotline** will be posted on our website and noticed via the **Title 20 Compliance listserv**.



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Sign In

Don't have an account

Create an authorized CEC account

Register new account

Public Search

Search for publically available appliance information

Appliance Search

3rd Party and Test Laboratory Approvals

Search for publically available approval information for 3rd party certifiers and test labs.

Search

Current Build: Version 1.0 Deployed on 04/27/2015



Live Demonstration

<http://www.appliances.energy.ca.gov>



QUICK POLL QUESTION



California Energy Commission's Certification Process



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<http://www.energy.ca.gov>

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Latest Energy News and Activities

- » **NEW** Energy Commissioner to Speak at Opening of Diamond Bar Hydrogen Refueling Station
- » **NEW** Energy Commission Releases Draft Energy Efficiency Computer Standards - Consumers Will Save Money Each Month on Electric Bills
- » **NEW** Energy Commission Approves Grants for Energy Storage, Biofuel, Efficiency and Transportation Programs - Adopts 2014 Public Interest Energy Research (PIER) annual report

**Edmund G. Brown Jr.**
Office of Governor

**John Laird**
Natural Resources Agency

**Robert B. Weisenmiller**
Chair, California Energy Commission

Upcoming Events

March 25, 2015



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Appliance Efficiency Program

Title 20 Appliance Rulemaking Schedule

Manufacturers must certify appliance efficiency data to the Energy Commission in order to comply with state law.

**Compliance** - Go here for information on our compliance program, to certify appliance data, or apply for approval of a test laboratory or third party certifier.

**Enforcement** - Go here for information on our enforcement program, to report a violation, or to respond to an enforcement letter.

**2014 Appliance Efficiency Regulations**

These regulations were adopted by the Energy Commission on February 12, 2014.
Effective July 1, 2014

Go To
» [Report Noncompliance](#)



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<http://www.energy.ca.gov/appliances/forms/index.html>



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Appliance Efficiency Compliance

The Appliance Efficiency Program requires that the manufacturers of certain appliances meet state and federal standards for energy and water efficiency. Manufacturers must also certify the performance of their appliances to the Energy Commission to demonstrate compliance with the standards and make this information available to the public.

Instructions and Forms

Manufacturers

- [General Instructions for Submitting Appliance Certification Data \(Spanish, Korean, Chinese\)](#)
- [Certification Packets for Appliances](#)

Third Party Certifiers

- [Additional Instructions for Third Party Certification \(Spanish, Korean, Chinese\)](#)
- [2015 Application for Approval as a Third-party Certifier](#)
- [Manufacturer Delegation of Authority](#)
- [2015 Approved Third Party Certifiers \(Excel file\)](#)

Subscribe

Title 20 Compliance Assistance Listserv

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You will receive an email requesting that you confirm your subscription



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Certification documents can be found at the following address:
★ <http://www.energy.ca.gov/appliances>


Home -> appliances


Appliance Efficiency Program

Title 20 Appliance Rulemaking Schedule

Manufacturers must certify appliance efficiency data to the Energy Commission in order to comply with state law.

 **Compliance** - Go here for information on our compliance program, to certify appliance data, or apply for approval of a test laboratory or third party certifier.

 **Enforcement** - Go here for information on our enforcement program, to report a violation, or to respond to an enforcement letter.

 **Outreach** - Go here for outreach and education materials such as flyers, brochures, reports, and FAQs.

Home -> appliances -> forms

Appliance Efficiency Compliance

The Appliance Efficiency Program requires that the manufacturers of certain Manufacturers must also certify the performance of their appliances to the E information available to the public.

Instructions and Forms

Manufacturers

- [General Instructions for Submitting Appliance Certification Data](#)
- [Certification Packets for Appliances](#)



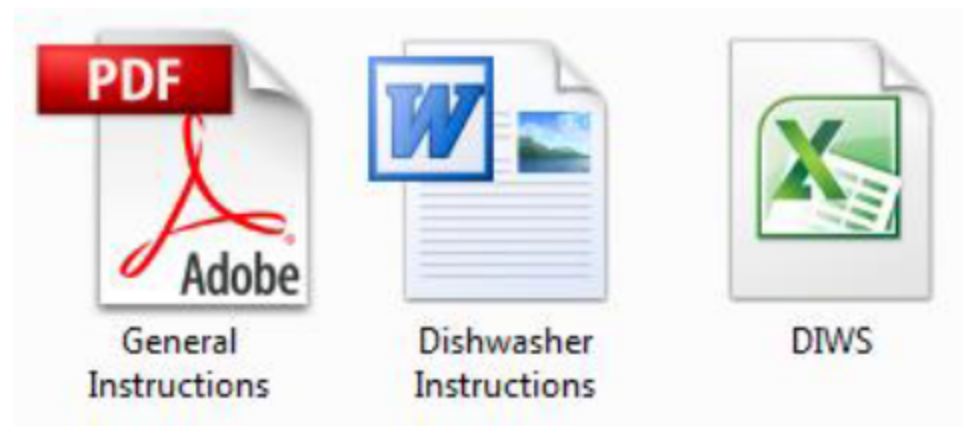
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- Audio Video
- Battery Charger Systems
- Central Air Conditioners
- Central Heat Pumps
- Cooking and Washing Products**
- Fans
- Heaters
- Lighting Products
- Motors
- Non Central Air Conditioners
- Plumbing Products
- Pool Products
- Power Distribution Transformers
- Refrigeration Products

- Clothes Dryers.zip
- Clothes Washers Early Compliance
- Clothes Washers.zip
- Commercial Cooking.zip
- Dishwashers.zip



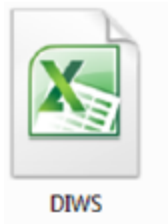
Certification Packet: Dishwashers



1. General Instructions
2. Appliance-specific data submission instructions and Declaration
3. Data Submission Form (DIWS)



Certification Packet: Dishwashers



	A	B	C	D	E	F	G	H	I	J	K	L	M
	Action	Mfg	Brand	Model	DishwasherType	TotalPlaceSettings	PerCycleKWH	WaterHeating	TruncatedCycleCapable	EnergyFactor	AnnualEnergyUse	WaterUse	RegulatoryStatus
1													
2													
3													
4													

Appliance-specific data submission instructions (excerpt):

- ★ **Model:** Enter the model number of the dishwasher as it will appear on the unit itself.
- ★ **Dishwasher type:** Enter “C” for compact dishwashers and “S” for standard dishwashers.






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Home → appliances → database → forms instructions cert

Certification Packets for Appliances

Name	last modified Color dates added today	Size
 Audio Video	Jun 26, 2013	4 kb
 Battery Charger Systems	Jun 26, 2013	4 kb
 Central Air Conditioners	Jun 26, 2013	4 kb
 Central Heat Pumps	Dec 18, 2014	4 kb
 Cooking and Washing Products	Jan 21, 2015	4 kb
 Fans	Oct 24, 2013	4 kb
 Heaters	Dec 23, 2014	4 kb



Certification Packet: SBCS



1. General Instructions
2. Appliance-specific data submission instructions and Declaration
3. Data Submission Form (SBCS)



Certification Packet: Small Battery Chargers



SBCS

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
	Mfg	Brand	Model	CPModel	ProductType	BatteryChemistry	ALaCarteCharger	InductiveCharger	USBCharger	BatteryBackupUPS	TotalPorts	BatteryCapacityWh	ChargeEnergyWh	MaintenanceWatts	NoBatteryWatts	MarkingLocation	RegulatoryStatus
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	

Appliance-specific data submission instructions (excerpt):

- ★ **Model:** Enter the model number of the battery charger as it will appear on the charger itself.
- ★ **Consumer Product (CP) Model:** If the battery charger is fully integrated into an end-use consumer product, enter the model number of the consumer product.

Otherwise, if the battery charge is sold separately under its own model number, enter the same model as the “Model” field.



Small Battery Charger Instr



Who is certifying?

Manufacturer Direct vs. Third-Party Certification

“Manufacturers may certify appliance efficiency data directly OR manufacturers may elect to have an authorized third-party certifier submit the data to the Energy Commission on behalf of the manufacturer (Third-Party Certification).”



Manufacturer Direct Certification

A. Manufacturer Direct certification (two forms):

- 1) Signed **Declaration** that certifies submission is true, accurate, and complete under penalty of perjury according to the laws of California.
- 2) **Data sheet** with appliance design and efficiency details

Certifying Company	
ContactPersonName *	Phone 1
CertifyingCompanyName **	Phone 2
Address	Fax
(Address)	E-mail
(Address)	Company Website (URL)
<input type="checkbox"/> I am submitting this data as a third party certifier, and have filled in the appropriate areas on these pages	



Small Battery Charger instr



SBCS



The Declaration cites the test lab

Manufacturer (if different from Certifying Company)

Contact Person Name	Phone 1
Manufacturing Company Name	Phone 2
Address	Fax
(Address)	E-mail
(Address)	Company Website (URL)

Note that submittals on behalf of a manufacturer by a third party must comply with additional requirements and instructions, as shown here: <http://www.energy.ca.gov/appliances/forms/>

Test Laboratory

Test Laboratory Name ***	Phone
Address	Fax
(Address)	E-mail
(Address)	Test Method Performed

*** If appliance testing was performed by more than one laboratory, the above contact information (name, address, phone and fax numbers, etc.) must be provided for the additional laboratories on a separate page.



Test Labs and Third Party Certifiers must be approved by the Energy Commission

- Manufacturers of appliances are required to use a test laboratory approved by the Energy Commission.
- Applications to be approved as a test lab or third-party certifier are found on the Appliance Efficiency Compliance page that we saw earlier.
- If a manufacturer or third-party certifier elects to use a test laboratory that is not yet approved by the Energy Commission, the laboratory must apply for approval prior to, or along with, the submission of the appliance efficiency data.
- If a test lab application is submitted along with a data certification packet, the packet will not be processed until the test lab application is reviewed and approved; if the test lab is rejected, the certification documents will be returned unprocessed.

- [2015 List of Approved Test Laboratories](#) (Excel file)

Updated: March 19, 2015



B. Third-Party Certification (four requirements):

1. *Third-Party Certifier
Approval Application*

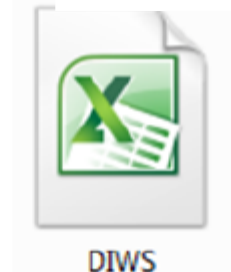
2. *Manufacturer's Delegation
of Authority Form*

Third parties certifying on behalf of a manufacturer must submit a Delegation of Authority form that has been signed by the manufacturer.

Third Party Certifiers

- [Additional Instructions for Third Party Certification](#) (Spanish, Korean, Chinese)
- [2015 Application for Approval as a Third-party Certifier](#)
- [Manufacturer Delegation of Authority](#)
- [2015 Approved Third Party Certifiers](#) (Excel file)

3. *Declaration*
4. *Data sheet*





Verifying compliance

Involved parties must implement mechanisms that verify product compliance with standards:

- **Manufacturers** must ensure every regulated product meets the data reporting requirements and that it is certified to the Energy Commission.
- **Retailers** and distributors must ensure that regulated products in their stock are listed in the Energy Commission's Appliance Efficiency Database before they are sold or offered for sale.



T20 Compliance Assistance

appliances@energy.ca.gov

(916) 654 4080

www.energy.ca.gov/appliances/outreach

Title 20 Appliance Regulations Listserv

www.energy.ca.gov/efficiency/listservers

Title 20 Compliance Assistance Listserv

www.energy.ca.gov/appliances/forms



Resources - Listservers

Main conduit for communicating with stakeholders

- Sign up at:
 - <http://www.energy.ca.gov/efficiency/listservers.html>
- Subscribe to the following Efficiency Lists:
 - **Title 20 Compliance**
 - Appliances (info on new standards and rulemakings)
 - Enforcement
- Respond to confirmation e-mail within 48 hours